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Amendments to the Specification:

Page 16, please replace the third Paragraph as follows:

FIGS. 12A and 12B [[is an]]are illustrations of the learning process plotted over time, for predefined input patterns of the networks according to FIGS. 7, 9, 10 and 11 for two different voltages;

Page 16, please replace the ninth Paragraph as follows:

FIG. 18[[a]]A shows the schematic block circuit diagram of a first embodiment of a control device with a neural network;

Page 16, please replace the tenth Paragraph as follows:

FIG. 18[[b]]B shows the schematic block circuit diagram of a second embodiment of a control device with a neural network, and

Page 23, please replace the first Paragraph as follows:

FIGS. 4[[a]]A and 4[[b]] B show two different methods for sensing a trapping process by means of a profile of the period length plotted against the time axis t.

Page 23, please replace the second Paragraph as follows:

FIG. 4[[a]] A shows a purely relative registration of the period length plotted against time t, a case of trapping being detected by a rise in the period length which is associated with a corresponding build up of force. In the case of purely relative registration, only the change in the period length over time is monitored during the adjustment of the window pane, and the window pane is stopped or reversed when the triggering threshold AS is exceeded, but no absolute values are registered or monitored.

Page 23, please replace the third Paragraph as follows:

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FIG. 4[[b]]B shows the period length plotted against time t for a purely absolute registration system in which a rise in the period is also associated with a corresponding build up of force. The trapping prevention means is triggered when a predefined absolute value AW of the period length, as against a preprogrammed reference curve R , is exceeded.

Page 25, please replace the second Paragraph as follows:

1. Low spring constants are detected in a settable fashion, i.e. by selecting the learning data and prescribing the setpoint output value or force value it is possible to define how sensitive the system is to be at low spring constants. This is learnt by defining the operating point between the relative and absolute operating methods illustrated in FIGS. 4[[a]]A and 4[[b]]B, the operating point being settable in an infinitely variable fashion. This mixed operating method permits low spring constants and thus a slow rise in the period length to be detected by virtue of the fact that large deviations from the absolute component arise.

Page 26, please replace the fifth Paragraph as follows:

A back propagation network is illustrated in a schematically simplified form in FIGS. 7 to 11[[12]], which network can be used to determine the force with which a drive device adjusts a window pane as an adjustable component by means of a window lifter or traps an object located in the adjustment travel of the window pane and thus outputs a switch-off or reversing value.

Page 29, please replace the fifth Paragraph as follows:

The output value which is associated with the respective input pattern is determined with the bias values 2.536 which are illustrated in FIG. 8 and entered by means of the neurons 111, 112 and 12 for the first hidden neuron 111 and -0.389, for the second hidden neuron 112 as well as 0.775 for the output neuron 12, the weightings, the transfer functions and the input values. The output value is determined as follows, the respectively calculated output value being given below the output neuron 12 or the hidden neurons 111, 112 in FIGS. 7, ~~10, 11 and 12~~ 9, 10, and 11.

Page 30, please replace the first Paragraph as follows:

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Three further input patterns which are illustrated schematically in FIGS. ~~10, 11 and 12~~ 9, 10, and 11 are considered below.

Page 30, please replace the fourth Paragraph as follows:

In the third input pattern illustrated in FIG. 10, the voltage value is assumed to be 16 V with an input value of 0.824. The period length is 0.245 and the adaptation period is slightly modified at 0.261. As a result of this, the output value of the output neuron 12 at which no trapping is detected from the input pattern is 0.241. Nevertheless, such input patterns can be differentiated from trapping patterns, which is clarified by means of the schematic illustration of the back propagation network in FIG. ~~[[12]]~~ 11.

Page 30, please replace the sixth Paragraph as follows:

In FIGS. 12~~[[a]]~~ A and 12~~[[b]]~~ B two diagrams are illustrated which graphically illustrate the learning success of the neural network which is illustrated in FIGS. 7 and 9 as well as 10 and 11 for voltage values of 10 V and 16 V as well as the input patterns predefined in FIGS. 7 and 9 as well as 10 and 11. The predefined learning values which result from the back propagation networks according to FIGS. 9 and 11 are illustrated in the form of the predefined trapping force in respectively bold continuous lines while the output values which result from the respective input patterns according to the back propagation networks in FIGS. 7 and 10 are presented by the thin continuous curve representations.

Page 32, please replace the second Paragraph as follows:

The neural adaptation network 9 illustrated as an example in FIG. 13 forms an independent neural network. It exists, like the neural network 6, for determining an output value which corresponds to the adjusting force or excess force of the drive device or of a trapped or nontrapped state from a set of neurons 30, 31, 32, 33, 34, 35 which are arranged in layers 91, 92, 94, and weighted connections 36, 37, and has the structure of a direction graph for which the restrictions and supplements mentioned above with respect to the neural network 6 according to ~~[[fig.]]~~ FIG. 2 apply.

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Page 39, please replace the first Paragraph as follows:

FIG. 18[[a]]A shows the schematic block circuit diagram of a first embodiment of a control device with a neural network for an adjusting device of a motor vehicle component.

Page 39, please replace the third Paragraph as follows:

Both the microcontroller 1100 and the neural network 1200 have a multiplicity of interfaces 1400, 1500. The interfaces 1400 of the neural network 1200 serve as inputs for the measured variables S' to be evaluated. The interfaces 1400 feed the measured variables S to the input layer of the neural network 1200. One or more of these interfaces ~~1300~~1400 can be embodied as connections to a CAN bus system or LIN bus system of the motor vehicle.

Page 40, please replace the third Paragraph as follows:

It goes without saying that the microcontroller 1100, the neural network 1200 and/or the storage element 1300 as the illustrated elements of the electronic device 1000 can also be configured as a physical unit in the form of an integrated circuit. The variant in which the neural network 1200 and storage element 1300 are integrated is shown as the schematic illustration of a second embodiment of the control device in FIG. 18[[b]]B. The other components of this illustration correspond to those from FIG. 18[[a]] A so that reference is made to the preceding statements.

Page 40, please replace the fourth Paragraph as follows:

The technical implementation of the integration of a neural network into a microcontroller can, on the one hand, take the form of the neural network being implemented in the microcontroller as software. On the other hand it is also conceivable for the microcontroller to be implemented in the form of an ASIC (Applied Specific Integrated Circuit) structure. Of course, the storage element 1300 can also be implemented in the microcontroller, as shown in FIG. 18[[b]]B. A conceivable variant (not illustrated) is one in which only the neural network 1200 is integrated in the microcontroller but not the storage element, which would then be implemented as a separate component of the electronic device.

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Page 40, please replace the fifth Paragraph as follows:

What follows is concerned with the method of functioning of the control devices which are illustrated in FIGS. 18[[a]] A and 18[[b]] B. The microcontroller 1100 receives, via the interfaces 1400, 1500, the signals of the motor vehicle and of its components which inform it about their respective state. In the microcontroller 1100, the information as to which of the determined states the neural network 1200 should operate in with which sets of weightings is stored. If therefore the determined state of the vehicle and its components is changed in such a way that a different weighting set is required for the neural network 1200, the microcontroller initiates a process which makes available the corresponding set of weightings for the neural network 1200 from the storage element 1300. The neural network 1200 then operates with the new set of weightings until the microcontroller 1100 again registers a change in the state of the motor vehicle and/or its components which is such that renewed replacement of the set of weightings for the neural network becomes necessary.